IBM ECM System Monitor 5.5.7.0-002 – Integration with Grafana

Integrating ESM in Grafana – Using Grafana to review ESM Incidents

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Introduction

Overview

This guide describes in detail, how IBM ECM System Monitor (ESM) can be integrated in Grafana to review ESM incidents.

Disclaimer

The content of this document is based on ESM Version 5.5.7.0-002. The descriptions and guidelines in this document are for informational purposes only. Up-to-dateness, content completeness, appropriateness and validity for all possible scenarios cannot be guaranteed. All information is provided on an as-is basis. The author is not liable for any errors or omissions in this document or any losses, injuries and damages arising from its use.

If you are planning to setup or configure ESM or to adjust an existing installation, it is absolutely necessary to take into account current security whitepapers, release notes and announcements from the official IBM ECM System Monitor product documentation website.

Purpose of this guide

Grafana has become more and more popular. Therefore we have added a possibility to review incidents from ESM in Grafana. The way to achieve this is described in this guide.
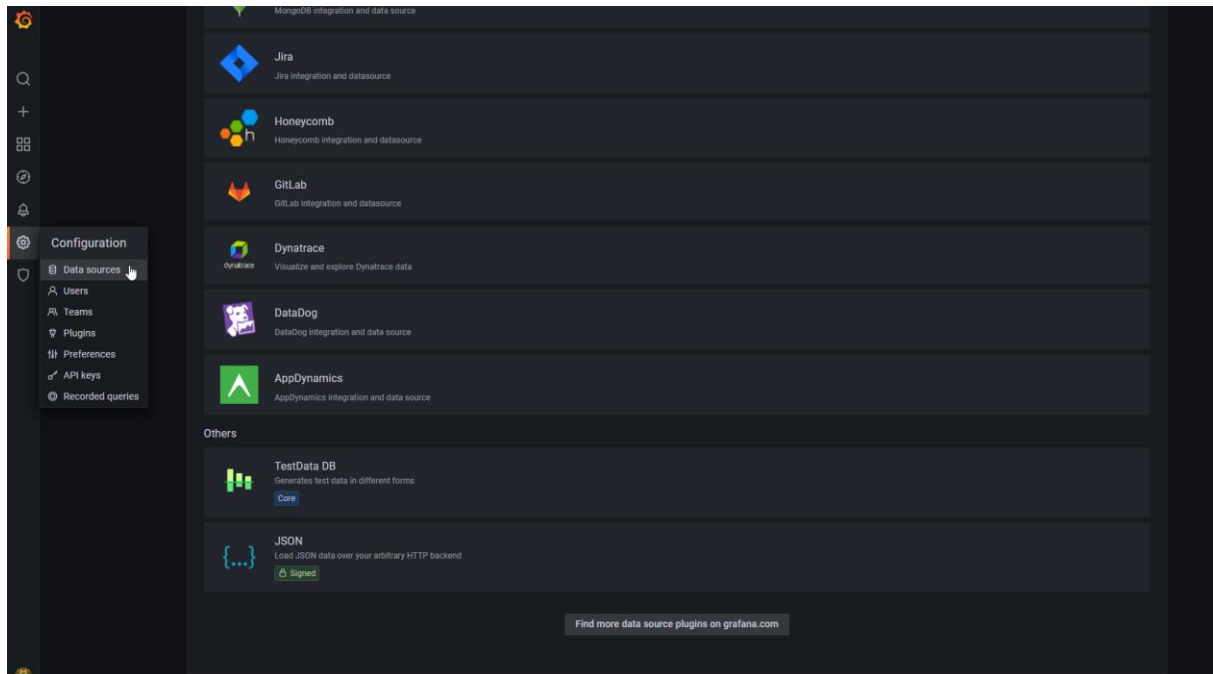
Requirements

- ESM Version 5.5.7.0-002 or later (already installed)

- Grafana (already installed)

- The Grafana System must be able to access the ESM Server REST API via URL

- The Plugin for JSON API Data source must be installed in Grafana – See:
https://grafana.com/grafana/plugins/simpod-json-datasource/

Step by Step setup

1. Setup ESM data source in Grafana

Open Configuration -> Data sources and click JSON Data source:

The Editor for the data source opens:

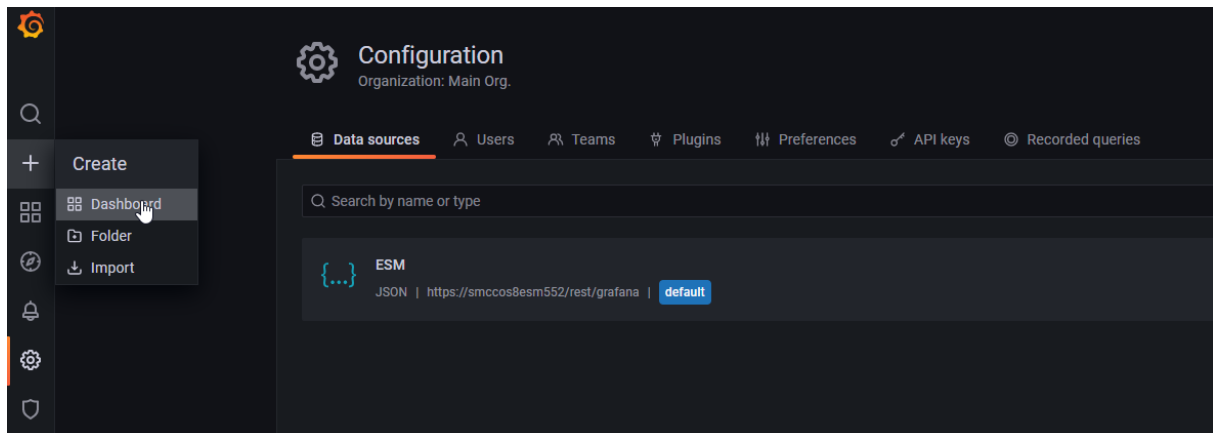The following setup reflects the required information:

Parameters that must be adjusted:

- Name: Give a name for the data source – e.g. ESM
- URL: Specify the URL of your ESM Server followed by /rest/grafana, e.g. https://YourESMServer/rest/grafana
- Check "Basic Auth", "With Credentials" and "Skip TLS Verify" as active
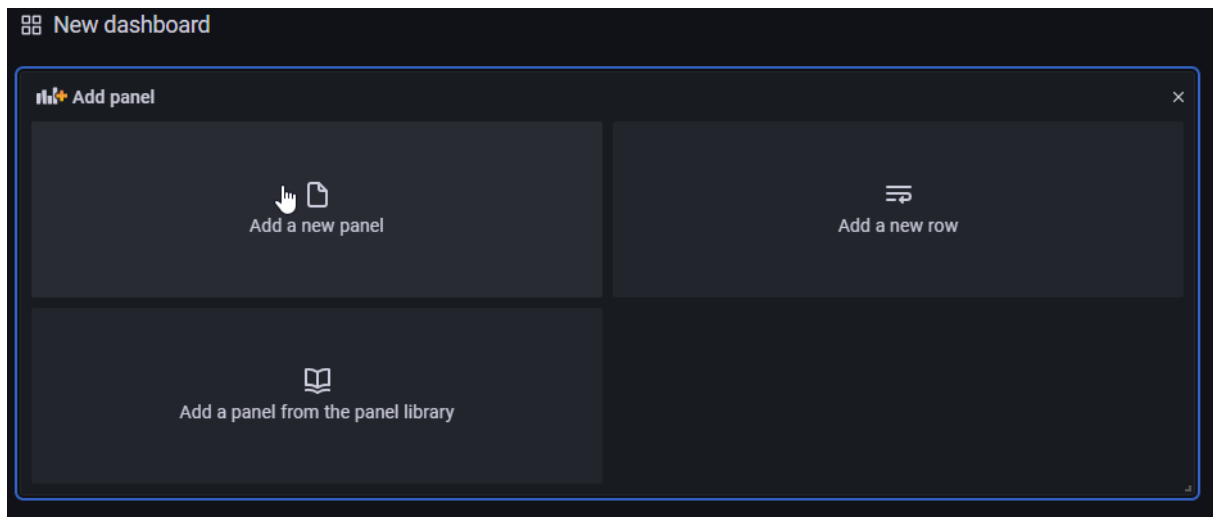- Specify the Basic Auth Details (User and Password of ESM login)

Click on "Save & test" to save the source. Data source is working should be shown as result.

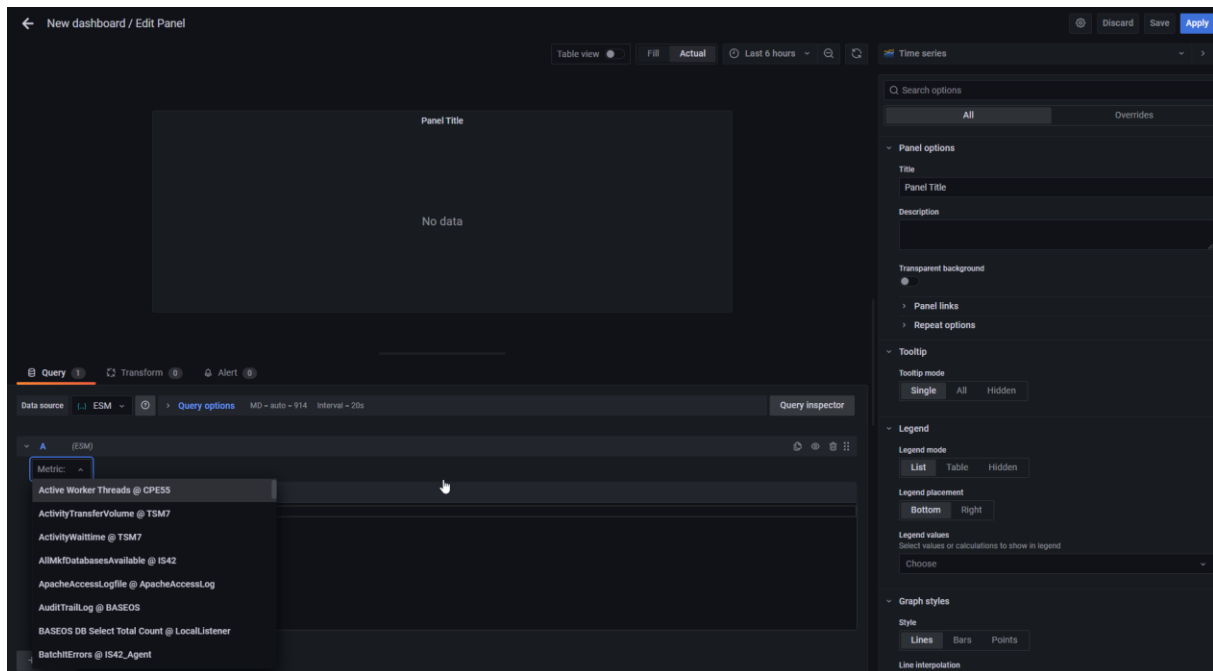## 2. Setup of a dashboard filled with ESM Data

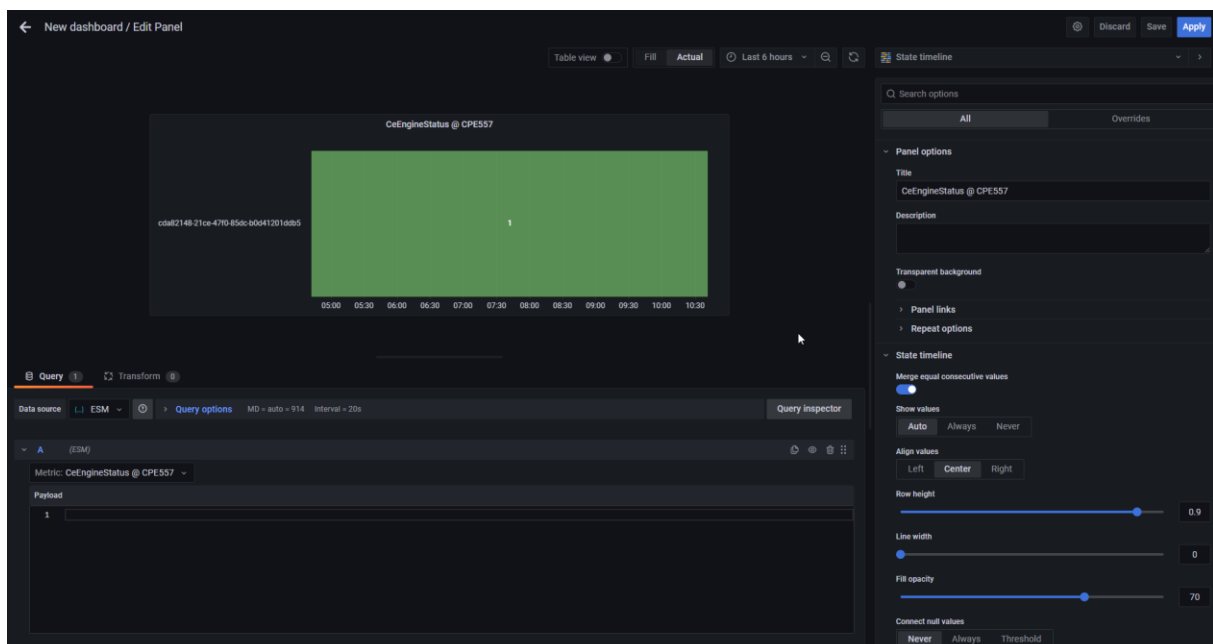Click on + -> Create -> Dashboard to create a new dashboard

Click on Add a new panel:

In the panel setup make sure that your ESM data source is selected in the Data source. You can set various information like panel title, type etc. on the right site. From the metric drop down you can select the ESM metric that should be shown in the panel:

Example Setup for CEEngineStatus Metric as State Timeline type:

Click on Apply to add the panel to the dashboard.

On the top right corner of the dashboard you have the possibility to add additional panels, adjust settings of the dashboard (e.g. rename it) or even save it.

Contact Information

If you have any questions please contact us at ECM.SystemMonitor@cenit.com.

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